

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/589,561  
Source: IFWP  
Date Processed by STIC: 9/1/06

# ***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/589,561

CRF Edit Date: 9/1/06  
Edited by: AC

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

✓ Deleted: ✓ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



IFWP

## RAW SEQUENCE LISTING

DATE: 09/01/2006

PATENT APPLICATION: US/10/589,561

TIME: 12:24:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09012006\J589561.raw

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3 <110> APPLICANT: FIVE PRIME THERAPEUTICS, INC.
5 <120> TITLE OF INVENTION: NOVEL APO2L AND IL-24 POLYPEPTIDES, POLYNUCLEOTIDES,
6   AND METHODS OF THEIR USE
8 <130> FILE REFERENCE: 8940-0037.00304
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/589,561
C--> 10 <141> CURRENT FILING DATE: 2006-08-16
10 <150> PRIOR APPLICATION NUMBER: PCT/US05/005221
11 <151> PRIOR FILING DATE: 2005-02-18
13 <150> PRIOR APPLICATION NUMBER: 60/647,013
14 <151> PRIOR FILING DATE: 2005-01-27
16 <150> PRIOR APPLICATION NUMBER: 60/546,385
17 <151> PRIOR FILING DATE: 2004-02-20
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31 aaactgtggg aagccttctg ggctgtgaaa gacactatgc aagctcagga taacatcacg 180
32 agtgcccggc tgctgcagca ggaggttctg cagaacgtct cggtatctga gagctgttac 240
33 cttgtccaca cctgcttggg gttctacttg aaaactgttt tcaaaaacta ccacaataga 300
34 acagttagaag tcaggactct gaagtcattc tctactctgg ccaacaactt tgttctcatc 360
35 gtgtcacaaac tgcaaccag tcaagaaat gagatgtttt ccatcagaga cagtgcacac 420
36 aggcggtttc tgctattccg gagagcattc aaacagttgg acgtagaagc agctctgacc 480
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48 cttctctgga gccaggatc aggggcccag ggccaagaat tccactttgg gccctgccaa 180
49 gtgaaggggg ttgttcccc aaaactgtgg gaagccttct gggctgtgaa agacactatg 240
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54 tccatcagag acagtgcaca caggcggttt ctgctattcc ggagagcatt caaacagttg 540
55 gacgtagaag cagctctgac caaagccctt ggggaagtgg acattcttct gacctggatg 600

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DATE: 09/01/2006

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09012006\J589561.raw

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67 aaactgtggg aagccttctg ggctgtgaaa gacactatgc aagctcagga taacatcacg 180
68 agtgcccggc tgctgcagca ggaggttctg cagaacgtct cgcaagaaaa tgagatgttt 240
69 tccatcagag acagtgcaca caggcggttt ctgctattcc ggagagcatt caaacagttg 300
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86 <213> ORGANISM: Homo sapiens
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91 aacaactttg ttctcatcgt gtcacaactg caaccagtc 159
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101 1 5 10 15
103 Ser Gln Val Ser Gly Ala Gln Gly Gln Glu Phe His Phe Gly Pro Cys
104 20 25 30
106 Gln Val Lys Gly Val Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala
107 35 40 45
109 Val Lys Asp Thr Met Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu
110 50 55 60
112 Leu Gln Gln Glu Val Leu Gln Asn Val Ser Asp Ala Glu Ser Cys Tyr
113 65 70 75 80
115 Leu Val His Thr Leu Leu Glu Phe Tyr Leu Lys Thr Val Phe Lys Asn
116 85 90 95
118 Tyr His Asn Arg Thr Val Glu Val Arg Thr Leu Lys Ser Phe Ser Thr
119 100 105 110
121 Leu Ala Asn Asn Phe Val Leu Ile Val Ser Gln Leu Gln Pro Ser Gln
122 115 120 125
124 Glu Asn Glu Met Phe Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu

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DATE: 09/01/2006

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TIME: 12:24:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09012006\J589561.raw

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127 Leu Phe Arg Arg Ala Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr
128 145      150      155      160
130 Lys Ala Leu Gly Glu Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe
131      165      170      175
133 Tyr Lys Leu
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138 <211> LENGTH: 206
139 <212> TYPE: PRT
140 <213> ORGANISM: Homo sapiens
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146 Phe Cys Pro Pro Leu Leu Ala Thr Ala Ser Gln Met Gln Met Val Val
147      20      25      30
149 Leu Pro Cys Leu Gly Phe Thr Leu Leu Leu Trp Ser Gln Val Ser Gly
150      35      40      45
152 Ala Gln Gly Gln Glu Phe His Phe Gly Pro Cys Gln Val Lys Gly Val
153      50      55      60
155 Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala Val Lys Asp Thr Met
156 65      70      75      80
158 Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu Leu Gln Gln Glu Val
159      85      90      95
161 Leu Gln Asn Val Ser Asp Ala Glu Ser Cys Tyr Leu Val His Thr Leu
162      100      105      110
164 Leu Glu Phe Tyr Leu Lys Thr Val Phe Lys Asn Tyr His Asn Arg Thr
165      115      120      125
167 Val Glu Val Arg Thr Leu Lys Ser Phe Ser Thr Leu Ala Asn Asn Phe
168      130      135      140
170 Val Leu Ile Val Ser Gln Leu Gln Pro Ser Gln Glu Asn Glu Met Phe
171 145      150      155      160
173 Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala
174      165      170      175
176 Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu
177      180      185      190
179 Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu
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185 <212> TYPE: PRT
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193      20      25      30
195 Gln Val Lys Gly Val Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala
196      35      40      45
198 Val Lys Asp Thr Met Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu

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DATE: 09/01/2006

TIME: 12:24:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09012006\J589561.raw

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201 Leu Gln Gln Glu Val Leu Gln Asn Val Ser Gln Glu Asn Glu Met Phe
202 65      70      75      80
204 Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala
205      85      90      95
207 Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu
208      100      105      110
210 Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu
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215 <211> LENGTH: 14
216 <212> TYPE: PRT
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225 <211> LENGTH: 53
226 <212> TYPE: PRT
227 <213> ORGANISM: Homo sapiens
229 <400> SEQUENCE: 10
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233 Lys Thr Val Phe Lys Asn Tyr His Asn Arg Thr Val Glu Val Arg Thr
234      20      25      30
236 Leu Lys Ser Phe Ser Thr Leu Ala Asn Asn Phe Val Leu Ile Val Ser
237      35      40      45
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240      50
243 <210> SEQ ID NO: 11
244 <211> LENGTH: 807
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246 <213> ORGANISM: Homo sapiens
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250 ggacgggaac cttccacca cagctatgcc tctgattggg gaatggtgaa ggtgcctgtc 120
251 taacttttct gtaaaaagaa ccagctgcct ccaggcagcc agccctcaag catcacttac 180
252 aggaccagag cagacccttc tgccctcctt tgctggcgac agcctctcaa atgcagatgg 240
253 ttgtgctccc ttgcctgggt tttaccctgc ttctctggag ccaggtatca ggggccagg 300
254 gccaagaatt ccactttggg ccctgccaag tgaagggggt tgttccccag aaactgtggg 360
255 aagccttctg ggctgtgaaa gacactatgc aagctcagga taacatcacg agtgcccggc 420
256 tgctgcagca ggaggttctg cagaacgtct cggatgctga gagctgttac cttgtccaca 480
257 ccctgctgga gttctacttg aaaactgttt tcaaaaacta ccacaataga acagttgaag 540
258 tcaggactct gaagtcattc tctactctgg ccaacaactt tgttctcatc gtgtcacaa 600
259 tgcaaccag tcaagaaaat gagatgtttt ccacagaga cagtgcacac aggcggtttc 660
260 tgctattccg gagagcattc aaacagttgg acgtagaagc agctctgacc aaagcccttg 720
261 ggggaagtga cattcttctg acctggatgc agaaattcta caagctctga atgtctagac 780
262 caggacctcc ctcccctgg cactggg 807
265 <210> SEQ ID NO: 12

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## RAW SEQUENCE LISTING

DATE: 09/01/2006

PATENT APPLICATION: US/10/589,561

TIME: 12:24:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09012006\J589561.raw

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267 &lt;212&gt; TYPE: DNA

268 &lt;213&gt; ORGANISM: Homo sapiens

270 &lt;400&gt; SEQUENCE: 12

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273 aaccagctgc ctccaggcag ccagccctca agcatcactt acaggaccag agggacaaga 180
274 catgactgtg atgaggagct gctttcgcca atttaacacc aagaagaatt gaggctgctt 240
275 gggaggaagg ccaggaggaa cacgagactg agagatgaat tttcaacaga ggctgcaaag 300
276 cctgtggact ttagccagac ccttctgccc tcctttgctg ggcacagcct ctcaaatgca 360
277 gatggttgtg ctcccttgcc tgggttttac cctgcttctc tggagccagg tatcaggggc 420
278 ccagggccaa gaattccact ttgggccctg ccaagtgaag ggggttgttc ccagaaaact 480
279 gtgggaagcc ttctgggctg tgaaagacac tatgcaagct caggataaca tcacgagtgc 540
280 ccggtcgtg cagcaggagg ttctgcagaa cgtctcggat gctgagagct gttaccttgt 600
281 ccacaccctg ctggagttct acttgaaaac tgttttcaaa aactaccaca atagaacagt 660
282 tgaagtcagg actctgaagt cattctctac tctggccaac aactttgttc tcatcgtgtc 720
283 acaactgcaa ccagtcagg aaaatgagat gttttccatc agagacagtg cacacaggcg 780
284 gtttctgcta ttccggagag cattcaaaca gttggacgta gaagcagctc tgaccaaagc 840
285 ccttggggaa gtggacattc ttctgacctg gatgcagaaa ttctacaagc tctgaatgtc 900
286 tagaccagga cctccctccc cctggcactg gtttgttccc tgtgtcattt caaacagtct 960
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288 caggattatt gtcaaagaag tcattcttta agcagcgcca gtgacagtca ggggaaggtgc 1080
289 ctctggatgc tgtgaagagt ctacagagaa gattcttgta ttattacaa ctctatttaa 1140
290 ttaatgtcag tatttcaact gaagttctat ttatttgtga gactgtaagt tacatgaagg 1200
291 cagcagaata ttgtgcccca tgcttcttta cccctcacia tccttgccac agtgtggggc 1260
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300 &lt;213&gt; ORGANISM: Homo sapiens

302 &lt;400&gt; SEQUENCE: 13

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304 gaaccttcca ccacagcta tgctctgat tggatgaatg tgaagggtgc tgtctaactt 120
305 ttctgtaaaa agaaccagct gcctccaggc agccagccct caagcatcac ttacaggacc 180
306 agagcagacc cttctgccct cttttgctgg cgacagcctc tcaaatgcag atggttgtgc 240
307 tcccttgccct ggggttttacc ctgcttctct ggagccaggc atcagggggc cagggccaaag 300
308 aattccactt tgggccctgc caagtgaagg ggggttgttc ccagaaaactg tgggaagcct 360
309 tctgggctgt gaaagacact atgcaagctc aggataacat cacgagtgcc cggctgctgc 420
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320 &lt;212&gt; TYPE: DNA

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/589,561

DATE: 09/01/2006

TIME: 12:24:08

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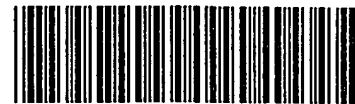
Output Set: N:\CRF4\09012006\J589561.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date



**Raw Sequence Listing before editing  
(for reference only)**



IFWP

## RAW SEQUENCE LISTING

DATE: 08/29/2006

PATENT APPLICATION: US/10/589,561

TIME: 09:56:23

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Output Set: N:\CRF4\08292006\J589561.raw

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 6 AND METHODS OF THEIR USE  
 8 <130> FILE REFERENCE: 8940-0037.00304  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/589,561  
 C--> 11 <141> CURRENT FILING DATE: 2006-08-16  
 13 <150> PRIOR APPLICATION NUMBER: 60/647,013  
 14 <151> PRIOR FILING DATE: 2005-01-27  
 16 <150> PRIOR APPLICATION NUMBER: 60/546,385  
 17 <151> PRIOR FILING DATE: 2004-02-20  
 19 <160> NUMBER OF SEQ ID NOS: 237  
 21 <170> SOFTWARE: PatentIn Ver. 3.3

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 3383 <213> ORGANISM: Artificial Sequence  
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 3387 8xHis tag  
 3389 <400> SEQUENCE: 237  
 3390 His His His His His His His His  
 3391 1 5  
 E--> 3394 60

**Does Not Comply  
Corrected Diskette Needed**

**VERIFICATION SUMMARY**

DATE: 08/29/2006

PATENT APPLICATION: US/10/589,561

TIME: 09:56:24

Input Set : A:\08940.0037 Sequence Listing.txt

Output Set: N:\CRF4\08292006\J589561.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:3394 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:237